

IN THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 14 with the following replacement paragraph:

The present invention further provides a boring or drilling tool, ~~comprising: the~~
comprising a pitch sensing tool of any of appended claims 1 to 12, and a drilling head, the
drilling head including a drill bit.

Please replace the paragraph beginning at page 3, line 22 with the following replacement paragraph:

The present invention further provides a stem boring or drilling machine, ~~comprising:~~
comprising a stem, a drive section for applying rotational energy to the stem, a pitch sensor
tool ~~according to any of appended claims 1 to 12,~~ and a drilling head, the drilling head
including a drill bit, wherein the pitch sensor tool is disposed between the stem and the
drilling head and mechanically coupled to each.